

Carboxylic Acids & derivatives

1) a) Give equations for the reactions of ethanamide when hydrolysed under acidic and basic conditions.

b) The haloalkane 1-chlorobutane can be used to make butanamide. One of the intermediate products is a carboxylic acid. Show, using structural formulae, how this might be achieved in a number of reaction steps. Include all reagents.